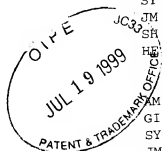


FIG 5

AM	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
GI	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
SY	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
JM	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
SH	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
HE	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
AM	*****	
GI	GTGCTCCCTCTGGGCTCCAGTCTCTGGGCGCCCCACCACGCCTCATCT	100
SY	GTGCTCCCTCTGGGCTCCAGTCTCTGGGCGCCCCACCACGCCTCATCT	100
JM	GTGCTCCCTCTGGGCTCCAGTCTCTGGGCGCCCCACCACGCCTCATCT	100
SH	GTGCTCCCTCTGGGCTCCAGTCTCTGGGCGCCCCACCACGCCTCATCT	100
HE	GTGCTCCCTCTGGGCTCCAGTCTCTGGGCGCCCCACCACGCCTCATCT	100
AM	*****	
GI	GTGACAGCCGAGTCTCTGGAGAGGTACCTCTTGGAGGCCAAGGAGGCCGAG	150
SY	GTGACAGCCGAGTCTCTGGAGAGGTACCTCTTGGAGGCCAAGGAGGCCGAG	150
JM	GTGACAGCCGAGTCTCTGGAGAGGTACCTCTTGGAGGCCAAGGAGGCCGAG	150
SH	GTGACAGCCGAGTCTCTGGAGAGGTACCTCTTGGAGGCCAAGGAGGCCGAG	150
HE	GTGACAGCCGAGTCTCTGGAGAGGTACCTCTTGGAGGCCAAGGAGGCCGAG	150
AM	*****	
GI	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
SY	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
JM	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
SH	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
HE	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
AM	*****	
GI	AGGGCTTCAGGG-AACTCCTCCAG-ATCCAGGAACCTGGCACTTGGTTT	248
SY	AGGGCTTCAGGG-AACTCCTCCAG-ATCCAGGAACCTGGCACTTGGTTT	248
JM	AGGGCTTCAGGG-AACTCCTCCAG-ATCCAGGAACCTGGCACTTGGTTT	248
SH	AGGGCTTCAGGG-AACTCCTCCAG-ATCCAGGAACCTGGCACTTGGTTT	248
HE	AGGGCTTCAGGG-AACTCCTCCAG-ATCCAGGAACCTGGCACTTGGTTT	250
AM	*****	
GI	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	298
SY	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	298
JM	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	298
SH	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	298
HE	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	300
AM	*****	
GI	GGTGGCCCCAAACCATACTGGAAACTAGGCAAGGAGCAAAGCCAGCAGA	348
SY	GGTGGCCCCAAACCATACTGGAAACTAGGCAAGGAGCAAAGCCAGCAGA	348
JM	GGTGGCCCCAAACCATACTGGAAACTAGGCAAGGAGCAAAGCCAGCAGA	348
SH	GGTGGCCCCAAACCATACTGGAAACTAGGCAAGGAGCAAAGCCAGCAGA	348
HE	GGTGGCCCCAAACCATACTGGAAACTAGGCAAGGAGCAAAGCCAGCAGA	348



SH	GGTGGCCCCAAACCATACCTGGAAACTAGGCAAGGAGCAAAGCCAGAGA	348
HE	GGTGGCCCCAAACCATACCTGGAAACTAGGCAAGGAGCAAAGCCAGAGA	350

AM	TCCTACGGCCTGTGGCCAGGGCCAG-AGCCTTCAGGGACCCCTTGACTCC	397
GI	TCCTAC-CCCTGTGG-CCAGGGCCAG-AGCCTTCAGGGACCCCTTGACTCC	395
SY	TCCTACGGCCTGTGGCCAGGGCCAA-AACCTTCAGGGACCCCTTGACTCC	397
JM	TCCTACGGCCTGTGGCCAGGGCCAGGACCTTCAGGGACCCCTTGACTCC	398
SH	TCCTACGGCCTGTGGCCAGGGGCA-GAGCCTTCAGGGACCCCTTGACTCC	397
HE	TCCTACGGCCTGTGGCCAGGGCCA-GAGCCTTCAGGGACCCCTTGACTCC	399

AM	CCGGGCTGTGTGCATTTCCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT	447
GI	CCGGGCTGTGTGCATTTCCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT	445
SY	CCGGGCTGTTTGCATTTCCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT	447
JM	CCGGGCTGTGTGCATTTCCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT	448
SH	CCGGGCTGTGTGCATTTCCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT	447
HE	CCGGGCTGTGTGCATTTCCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT	449

AM	GAGAAATCACTGTCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG	497
GI	GAGAAATCACTGTCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG	495
SY	GAGAAATCACTGTCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG	497
JM	GAGAAATCACTGTCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG	498
SH	GAGAAATCACTGTCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG	497
HE	GAGAAATCACTGTCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG	499

AM	GATGGAGGTGAGTTCCTTTTTTTTTTTTTTTCCTTTCTTTTGAGAAATCT	547
GI	GATGGAGGTGAGTTCCTTTTTTTTTTTTTTTCCTTTCTTTTGAGAAATCT	545
SY	GATGGAGGTGAGTTCCTTTTTTTTTTTTTTTCCTTTCTTTTGAGAAATCT	547
JM	GATGGAGGTGAGTTCCTTTTTTTTTTTTTTTCCTTTCTTTTGAGAAATCT	548
SH	GATGGAGGTGAGTTCCTTTTTTTTTTTTTTTCCTTTCTTTTGAGAAATCT	545
HE	GATGGAGGTGAGTTCCTTTTTTTTTTTTTTTCCTTTCTTTTGAGAAATCT	549

AM	CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAATGATCGGGGGAAGGT	597
GI	CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAATGATCGAGGGAAGGT	595
SY	CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAATGATCGAGGGAAGGT	597
JM	CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAATGATCGAGGGAAGGT	598
SH	CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAATGATCGAGGGAAGGT	595
HE	CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAATGATCGAGGGAAGGT	599

AM	AAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA	647
GI	AAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA	645
SY	AAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA	647
JM	AAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA	648
SH	AAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA	645
HE	AAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA	649

AM	TAATCCCAGGCTGAGATGGCCGAGATGGGAGAATGCTTGAGCCCTGGAG	697
GI	TAATCCCAGGCTGAGATGGCCGAGATGGGAGAATGCTTGAGCCCTGGAG	695

SY	TAATCCCAGGCTGAGATGGCCGAAATGGGAGAATTGCTTGAGCCCTGGAG	697
JM	TAATCCCAGGCTGAGATGGCCGAGATGGGAGAATTGCTTGAGCCCTGGAG	698
SH	TAATCCCAGGCTGAGAGCGCCGAGATGGGAGAATTGCTTGAGCCCTGGAG	695
HE	TAATCCCAGGCTGAGATGGCCGAGATGGGAGAATTGCTTGAGCCCTGGAG	699

AM	GTTTCAGACCAACCTAGGCAGCATAGTGAGATCCCCCATCTCTACAAACAT	747
GI	GTTTCAGACCAACCTAGGCAGCATAGTGAGATCCCCCATCTCTACAAACAT	747
SY	GTTTCAGACCAACCTAGGCAGCATAGTGAGATCCCCCATCTCTACAAACAT	747
JM	GTTTCAGACCAACCTAGGCAGCATAGTGAGATCCCCCATCTCTACAAACAT	748
SH	GTTTCAGACCAACCTAGGCAGCATAGTGAGATCCCCCATCTCTACAAACAT	745
HE	GTTTCAGACCAACCTAGGCAGCATAGTGAGATCCCCCATCTCTACAAACAT	749

AM	TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCAGATATT	797
GI	TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCAGATATT	795
SY	TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCAGATATT	797
JM	TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCAGATATT	798
SH	TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCAGATATT	795
HE	TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCAGATATT	799

AM	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCAGGAATTTGAGGCTGCA	847
GI	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCAGGAATTTGAGGCTGCA	845
SY	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCAGGAATTTGAGGCTGCA	847
JM	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCAGGAATTTGAGGCTGCG	848
SH	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCAGGAATTTGGGGCTGCA	845
HE	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCAGGAATTTGAGGCTGCA	849

AM	GTGAGCTGTGATCACACCACTGCCTCCAGCCTCAGTGACAGAGTGAGGC	897
GI	GTGAGCTGTGATCACACCACTGCCTCCAGCCTCAGTGACAGAGTGAGGC	895
SY	GTGAGCTGTGATCACACCACTGCCTCCAGCCTCAGTGACAGAGTGAGGC	897
JM	GTGAGCTGTGATCACACCACTGCCTCCAGCCTCAGTGACAGAGTGAGGC	898
SH	GTGAGCTGTGATCACACCACTGCCTCCAGCCTCAGTGACAGAGTGAGGC	895
HE	GTGAGCTGTGATCACACCACTGCCTCCAGCCTCAGTGACAGAGTGAGGC	899

AM	CCTGTCTCAAAAAAGAAAAAGAAAAAGAAAAAATATGAGGGCTGTATGGA	947
GI	CCTGTCTCAAAAAAGAAAAAGAAAAAGAAAAAATATGAGGGCTGTATGGA	945
SY	CCTGTCTCAAAAAAGAAAAAGAAAAAGAAAAAATATGAGGGCTGTATGGA	947
JM	CCTGTCTCAAAAAAGAAAAAGAAAAAGAAAAAATATGAGGGCTGTATGGA	948
SH	CCTGTCTCAAAAAAGAAAAAGAAAAAGAAAAAATATGAGGGCTGTATGGA	945
HE	CCTGTCTCAAAAAAGAAAAAGAAAAAGAAAAAATATGAGGGCTGTATGGA	949

AM	ATACATTATTATTATTCTACTCACTCACTCACTCACTCACTCACTCACT	997
GI	ATACATTATTATTATTCTACTCACTCACTCACTCACTCACTCACTCACT	995
SY	ATACATTATTATTATTCTACTCACTCACTCACTCACTCACTCACTCACT	997
JM	ATACATTATTATTATTCTACTCACTCACTCACTCACTCACTCACTCACT	998
SH	ATACATTATTATTATTCTACTCACTCACTCACTCACTCACTCACTCACT	995
HE	ATACATTATTATTATTCTACTCACTCACTCACTCACTCACTCACTCACT	999

AM	CATTCAACAAGTCTTATTGCATACCTTCTGTTGCTCAGCTTGGTGCTTG	1047
GI	CATTCAACATGTCTTATTGCATACCTTCTGTTTGTCTCAGCTTGGTGCTTG	1045
SY	CATTCAACAAGTCTTATTGCATACCTTCTGTTTGTCTCAGCTTGGTGCTTG	1047
JM	CATTCAACAAGTCTTATTGCATACCTTCTGTTTGTCTCAGCTTGGTGCTTG	1048
SH	CATTCAACAAGTCTTATTGCATACCTTCTGTTTGTCTCAGCTTGGTGCTTG	1045
HE	CATTCAACAAGTCTTATTGCATACCTTCTGTTTGTCTCAGCTTGGTGCTTG	1049

AM	GGGCTGCTGAGGGGCAGGAGGAGAGGGTGACATGGGTGACGTGACTCCC	1097
GI	GGGCTGCTGAGGGGCAGGAGGAGAGGGTGACATCCCTCAGCTGACTCCC	1095
SY	GGGCTGCTGAGGGGCAGGAGGAGAGGGTGACATGGGTGACGTGACTCCC	1097
JM	GGGCTGCTGAGGGGCAGGAGGAGAGGGTGACATGGGTGACGTGACTCCC	1098
SH	GGGCTGCTGAGGGGCAGGAGGAGAGGGTGACATGGGTGACGTGACTCCC	1095
HE	GGGCTGCTGAGGGGCAGGAGGAGAGGGTGACATGGGTGACGTGACTCCC	1099
** * *		
AM	AGAGTCCACTCCCTGTAGGTGCGGCAGCAGGCCGTAGAAGTCTGGCAGGG	1147
GI	AGAGTCCACTCCCTGTAGGTGCGGCAGCAGGCCGTAGAAGTCTGGCAGGG	1145
SY	AGAGTCCACTCCCTGTAGGTGCGGCAGCAGGCCGTAGAAGTCTGGCAGGG	1147
JM	AGAGTCCACTCCCTGTAGGTGCGGCAGCAGGCCGTAGAAGTCTGGCAGGG	1148
SH	AGAGTCCACTCCCTGTAGGTGCGGCAGCAGGCCGTAGAAGTCTGGCAGGG	1145
HE	AGAGTCCACTCCCTGTAGGTGCGGCAGCAGGCCGTAGAAGTCTGGCAGGG	1149

AM	CCTGGCCCTGCTGTCGGAAGCTGTCTCGGGGCCAGGCCCTGTGTGTC	1197
GI	CCTGGCCCTGCTGTCGGAAGCTGTCTCGGGGCCAGGCCCTGTGTGTC	1195
SY	CCTGGCCCTGCTGTCGGAAGCTGTCTCGGGGCCAGGCCCTGTGTGTC	1197
JM	CCTGGCCCTGCTGTCGGAAGCTGTCTCGGGGCCAGGCCCTGTGTGTC	1198
SH	CCTGGCCCTGCTGTCGGAAGCTGTCTCGGGGCCAGGCCCTGTGTGTC	1195
HE	CCTGGCCCTGCTGTCGGAAGCTGTCTCGGGGCCAGGCCCTGTGTGTC	1199

AM	ACTCTTCCCAGCCGTGGGAGCCCTGCAGCTGCATGTGGATAAAGCCGTC	1247
GI	ACTCTTCCCAGCCGTGGGAGCCCTGCAGCTGCATGTGGATAAAGCCGTC	1245
SY	ACTCTTCCCAGCCGTGGGAGCCCTGCAGCTGCATGTGGATAAAGCCGTC	1248
JM	ACTCTTCCCAGCCGTGGGAGCCCTGCAGCTGCATGTGGATAAAGCCGTC	1245
SH	ACTCTTCCCAGCCGTGGGAGCCCTGCAGCTGCATGTGGATAAAGCCGTC	1249
HE	ACTCTTCCCAGCCGTGGGAGCCCTGCAGCTGCATGTGGATAAAGCCGTC	
** * *		
AM	AGTGGCCTTCGCGAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCAGGT	1297
GI	AGTGGCCTTCGCGAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCAGGT	1295
SY	AGTGGCCTTCGCGAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCAGGT	1297
JM	AGTGGCCTTCGCGAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCAGGT	1298
SH	AGTGGCCTTCGCGAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCAGGT	1295
HE	AGTGGCCTTCGCGAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCAGGT	1299

AM	GAGTAGGAGCGGACACTTCTGCTTGCCCTTCTGTGAAGAAGGGGAGAAGG	1347
GI	GAGTAGGAGCGGACACTTCTGCTTGCCCTTCTGTGAAGAAGGGGAGAAGG	1345
SY	GAGTAGGAGCGGACACTTCTGCTTGCCCTTCTGTGAAGAAGGGGAGAAGG	1347
JM	GAGTAGGAGCGGACACTTCTGCTTGCCCTTCTGTGAAGAAGGGGAGAAGG	1348
SH	GAGTAGGAGGGGACACTTCTGCTTGCCCTTCTGTGAAGAAGGGGAGAAGG	1345
HE	GAGTAGGAGCGGACACTTCTGCTTGCCCTTCTGTGAAGAAGGGGAGAAGG	1349

```

*****
AM GTCTTGCTAAGGAGTACAGGAACGTCCGTATTCCTTCCCTTTCTGTGGC 1397
GI GTCTTGCTAAGGAGTACAGGAACGTCCGTATTCCTTCCCTTTCTGTGGC 1395
SY GTCTTGCTAAGGAGTACAGGAACGTCCGTATTCCTTCCCTTTCTGTGGC 1397
JM GTCTTGCTAAGGAGTACAGGAACGTCCGTATTCCTTCCCTTTCTGTGGC 1398
SH GTCTTGCTAAGGAGTACAGGAACGTCCGTATTCCTTCCCTTTCTGTGGC 1395
HE GTCTTGCTAAGGAGTACAGGATCTGTCCGTATTCCTTCCCTTTCTGTGGC 1399
*****

AM ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT 1447
GI ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT 1445
SY ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT 1447
JM ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT 1448
SH ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT 1445
HE ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT 1449
*****

AM CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT 1497
GI CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT 1495
SY CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT 1497
JM CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT 1498
SH CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT 1495
HE CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT 1499
*****

AM CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGAAAGCTGAAGC 1547
GI CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGAAAGCTGAAGC 1545
SY CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGAAAGCTGAAGC 1547
JM CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGAAAGCTGAAGC 1548
SH CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGAAAGCTGAAGC 1545
HE CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGAAAGCTGAAGC 1549
*****

AM TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA 1584
GI TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA 1582
SY TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA 1585
JM TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA 1583
SH TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA 1586
HE TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA
*****

```

AM/GI	MGVHECPAWLWLLLSLSPLGLPVLGAPPRLICDSRVLERYLLEAKEAE	50
SY	MGVHECPAWLWLLLSLSPLGLPVLGAPPRLICDSRVLERYLLEAKEAE	50
JM	MGVHECPAWLWLLLSLSPLGLPVLGAPPRLICDSRVLERYLLEAKEAE	50
SH	MGVHECPAWLWLLLSLSPLGLPVLGAPPRLICDRVLERYLLEAKEAE	50
HE	MGVHECPAWLWLLLSLSPLGLPVLGAPPRLICDSRVLERYLLEAKEAE	50

AM/GI	NITTGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQQAQAVEVWQGLALLSEA	100
SY	NITTGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQQAQAVEVWQGLALLSEA	100
JM	NITKGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQQAQAVEVWQGLALLSEA	100
SH	NITTGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQQAQAVEVWQGLALLSES	100
HE	NITTGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQQAQAVEVWQGLALLSEA	100
	*** *****	

AM/GI	VLRQALLVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPPD	150
SY	VLRQALLVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPPD	150
JM	VLRQALLVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPPD	150
SH	VLRQALLVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPPD	150
HE	VLRQALLVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPPD	150

AM/GI	AASAAPLRTITADTFRKLFRVVSNFLRGKCLKLYTGEACRTGDR	193
SY	AASAAPLRTITADTFRKLFRVVSNFLRGKCLKLYTGEACRTGDR	193
JM	AASAAPLRTITADTFRKLFRVVSNFLRGKCLKLYTGEACRTGDR	193
SH	AASAAPLRTITADTFRKLFRVVSNFLRGKCLKLYTGEACRTGDR	193
HE	AASAAPLRTITADTFRKLFRVVSNFLRGELKLYTGEACRTGDG	193
